FIG.1

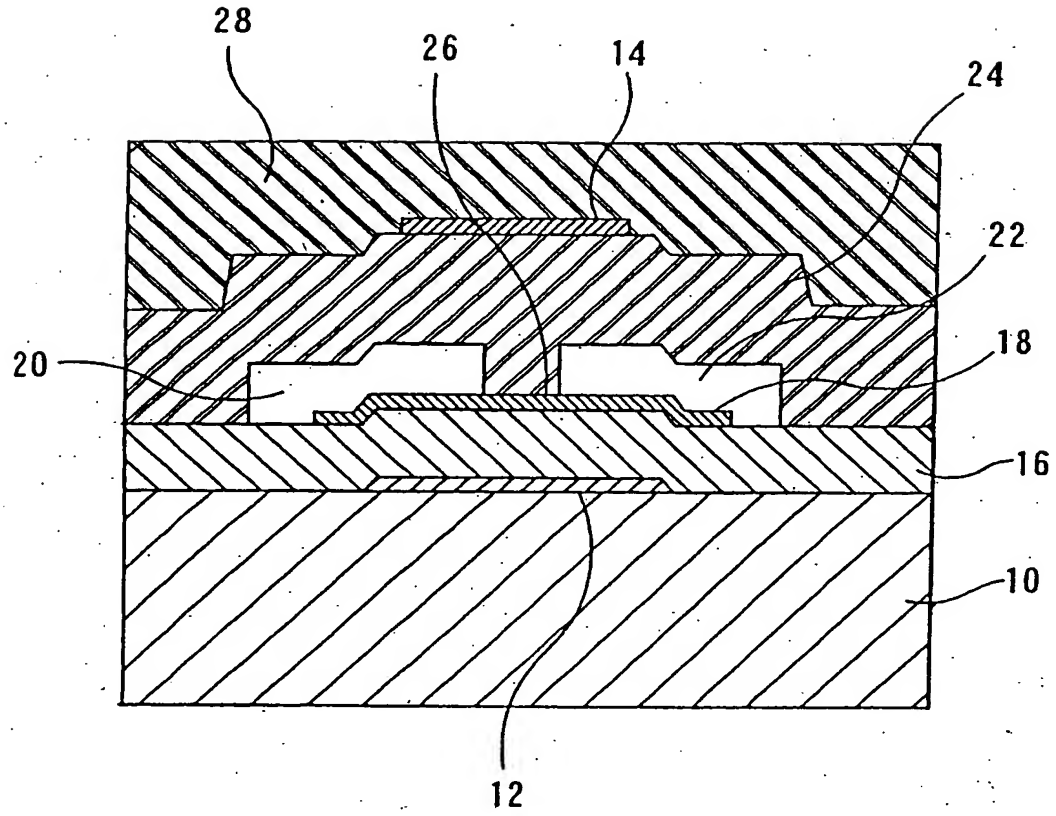


FIG.2

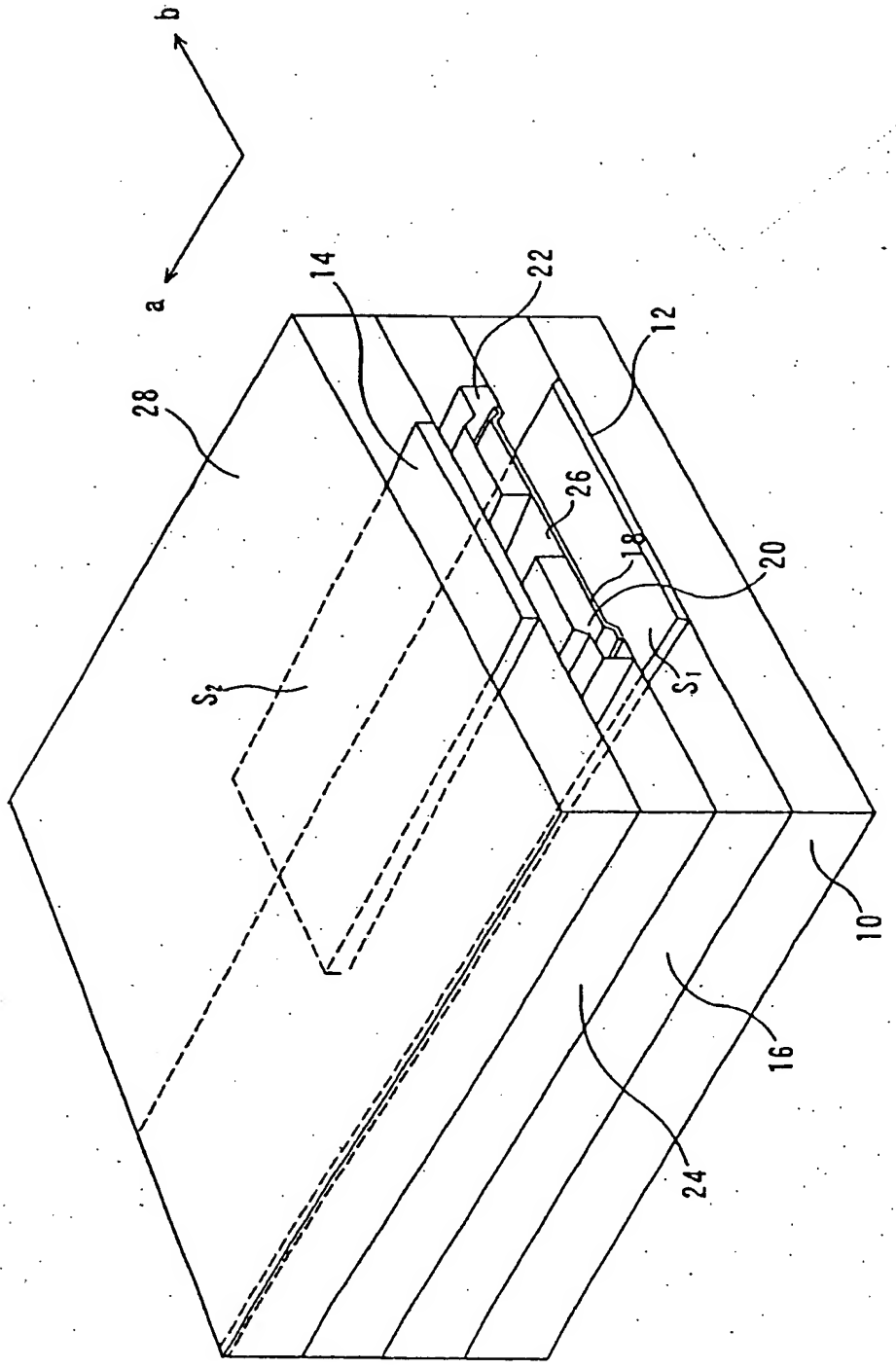


FIG.3

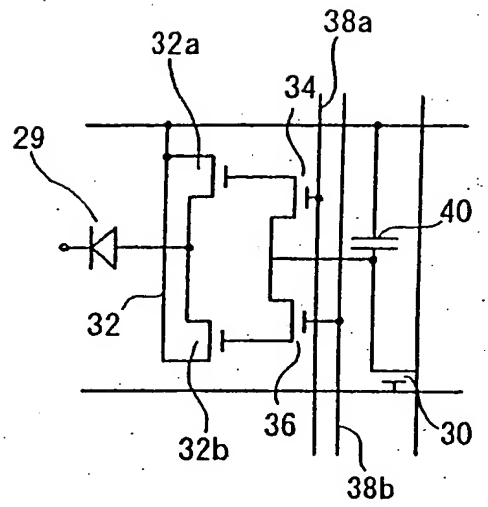

38a
32a
34
29
40
32
36
32b
30
38b

FIG. 4

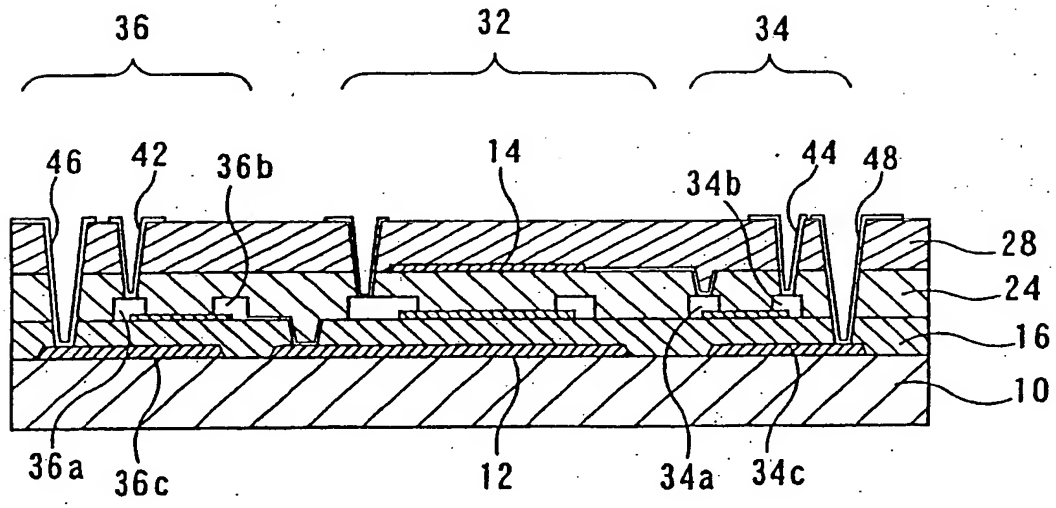

36
32
34
46
42
36b
14
34b
44
48
28
24
16
10
36a
36c
12
34a
34c

FIG.5

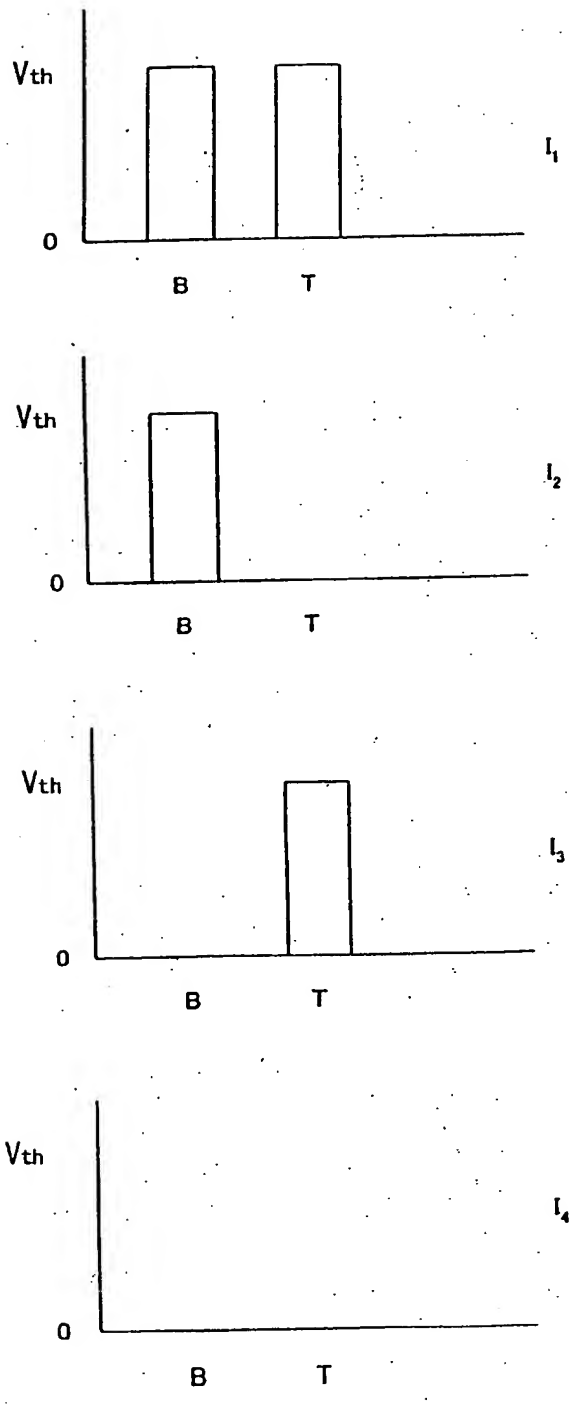


FIG.6

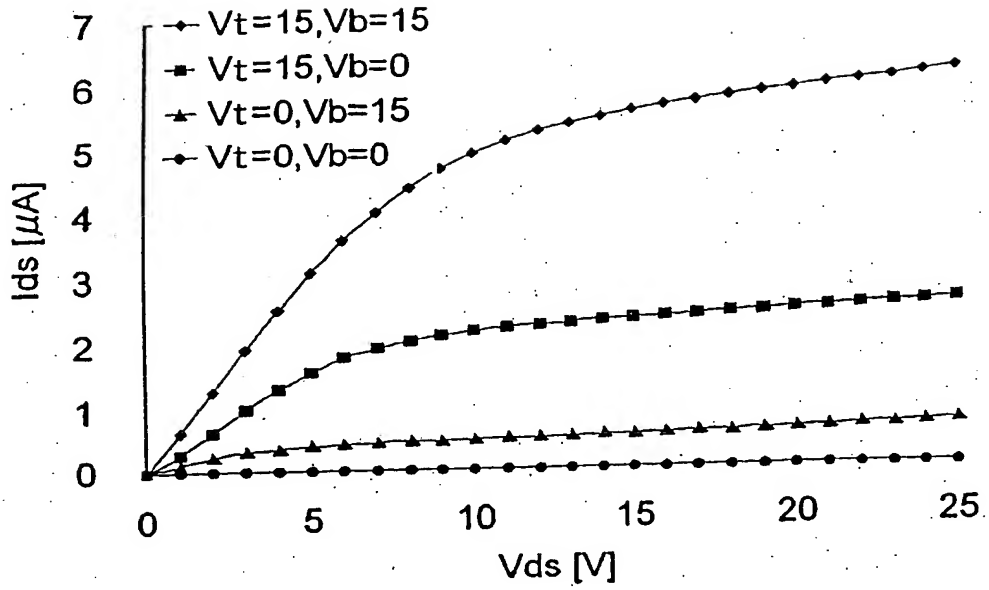
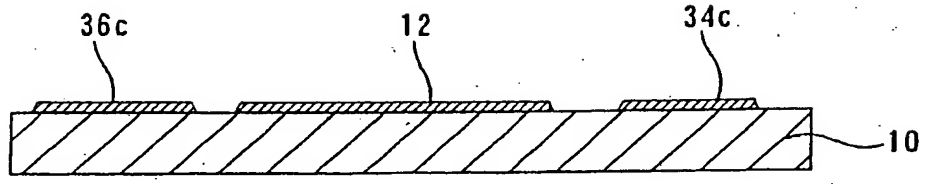
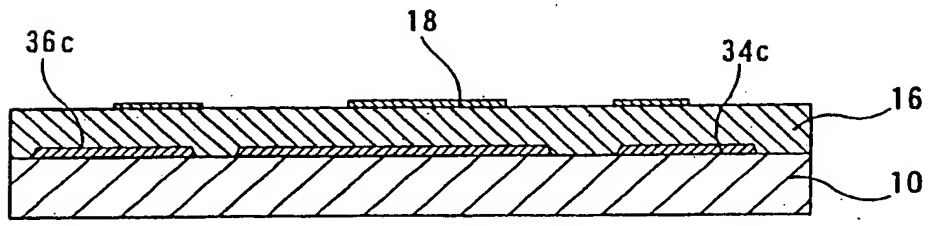

Vt=15,Vb=15
Vt=15,Vb=0
Vt=0,Vb=15
Vt=0,Vb=0
Ids [μA]
Vds [V]
0
1
2
3
4
5
6
7
0
5
10
15
20
25

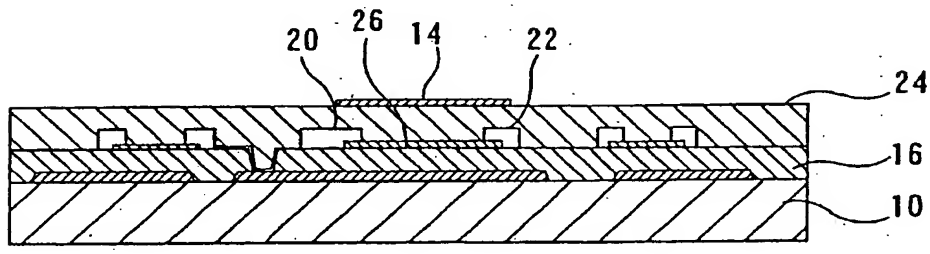
FIG.7


36c
12
34c
10

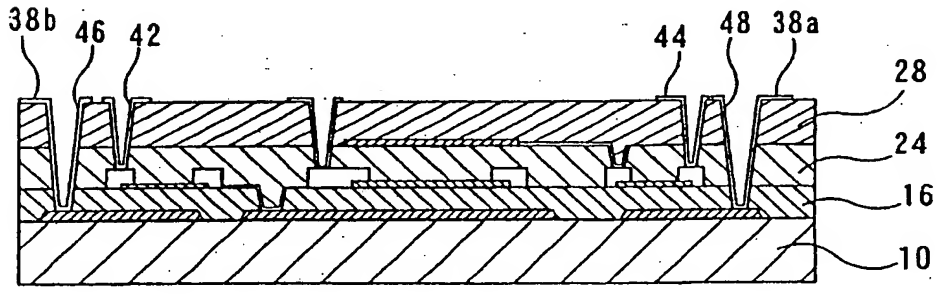
(a)


18
36c
34c
16
10

(b)


20
26
14
22
24
16
10

(c)


38b
46
42
44
48
38a
28
24
16
10

(d)

FIG.8

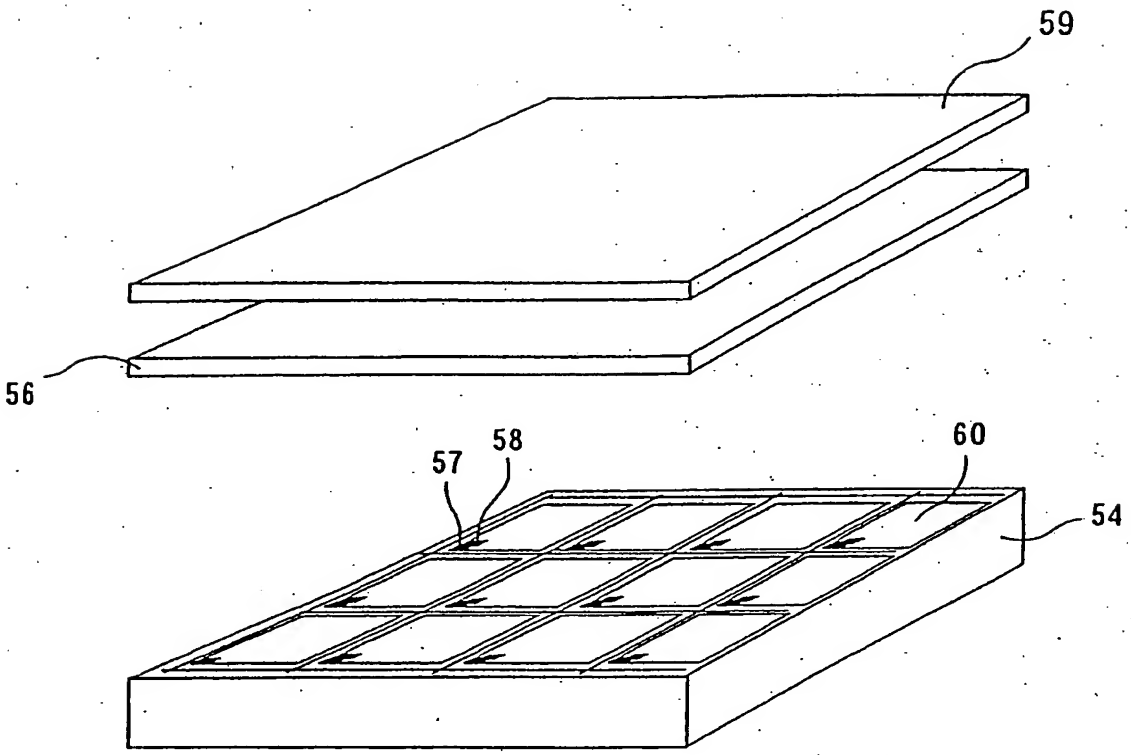


FIG.9

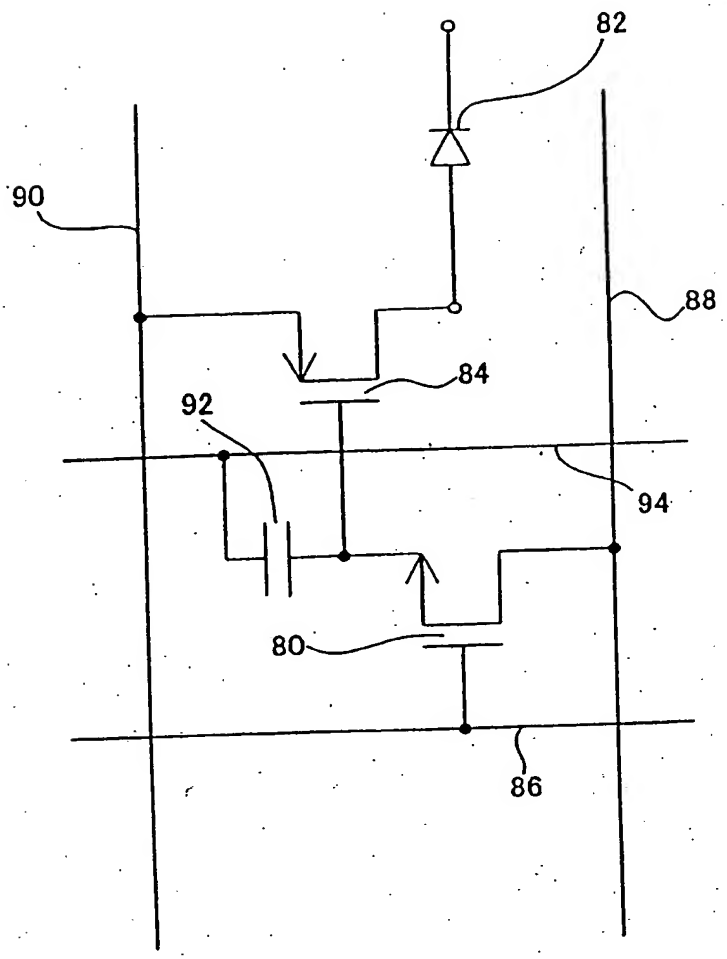


FIG. 10

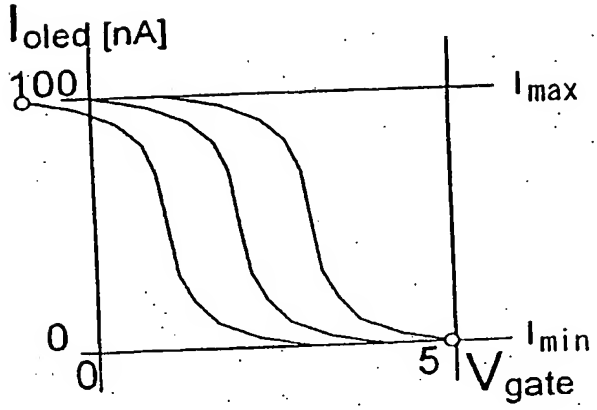


FIG.11

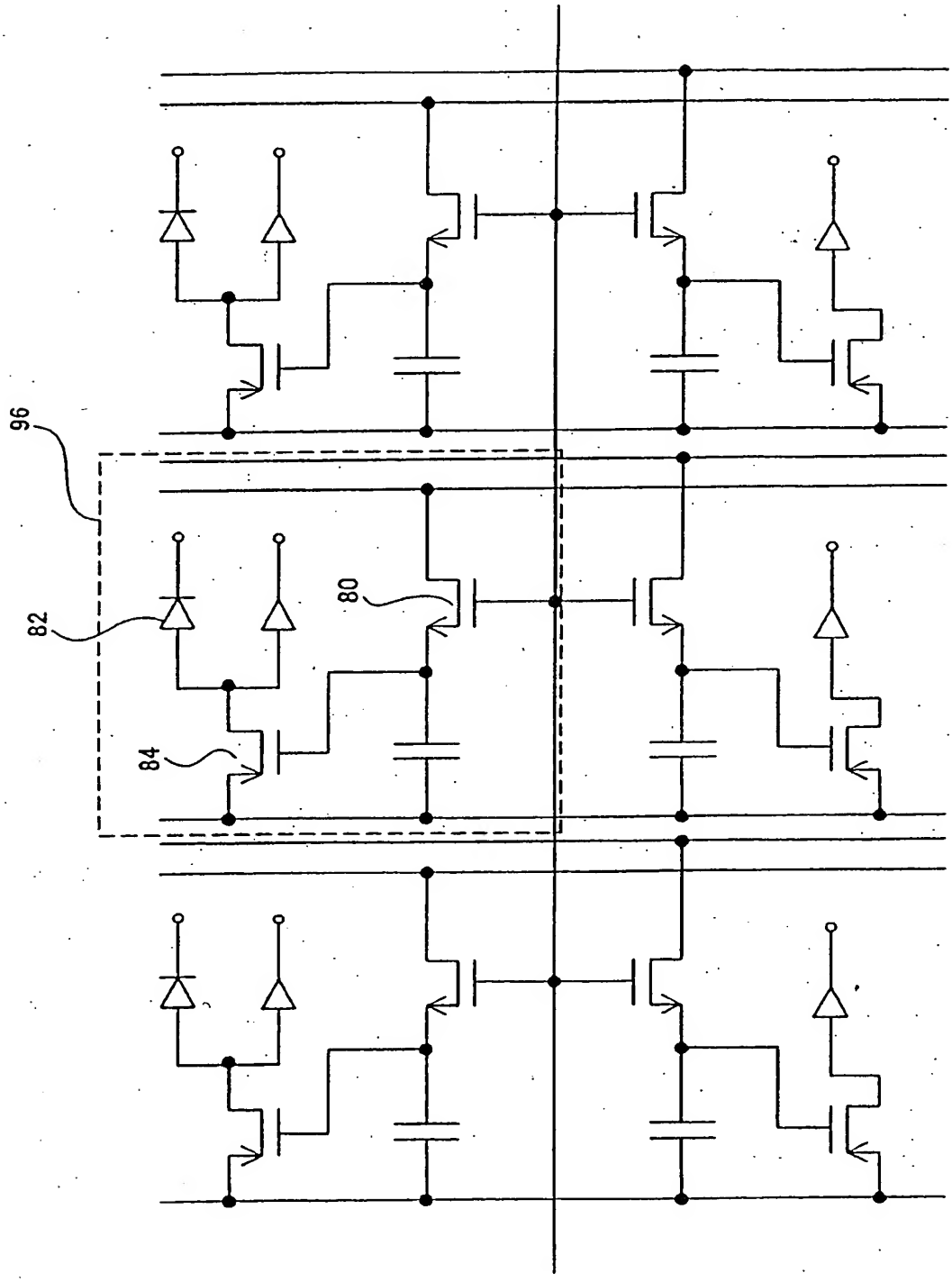


FIG.12